

# Converting Colors

Hex(806977)

Have a look what the booklet for  
Hex(806977) contains.

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**Color**

**Hex(806977)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	806977
RGB	128, 105, 119
RGB Percent	50%, 41%, 47%
CMY	0.4980, 0.5882, 0.5333
CMYK	0.00, 0.18, 0.07, 0.50
HSL	323°, 10%, 46%
HSV	323°, 18%, 50%
XYZ	17.2834, 16.0243, 19.6348
YIQ	113.4730, 9.2140, 9.2300

# Conversions

## Conversions Part 2

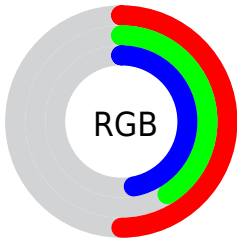
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 105, 119
Decimal	8415607
CIE <sub>Lab</sub>	47.01, 11.69, -4.36
CIE <sub>LCh</sub>	47, 12.478, 339.541
Yxy	16.0243, 0.3265, 0.3027
Android (android.graphics.Color)	4286605687 (0xFF806977)
YUV	113.4730, 2.7248, 12.7402
Hunter-Lab	40.0303, 7.0159, -1.0605

# Details

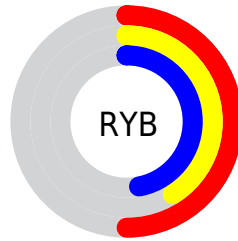
The Hex color **806977** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **698072**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **B59CAB**, and **4F3A47** is the 20% darker color. If you saturate the color by 10%, you get **805C72**, and if you desaturate by 10%, it is **80767C**.

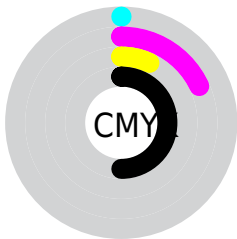
# Distribution



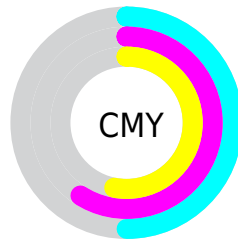
- Red (50%)
- Green (41%)
- Blue (47%)



- Red (50%)
- Yellow (41%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (7%)
- Black (50%)



- Cyan (50%)
- Magenta (59%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 806977 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 806977 by changing the saturation by 10% instead.





806977



806977

FFFFFF



67515E



B59CAB



4F3A47



D1B7C6



382430



EDD3E2



22101B



FFEFFF



000000



806977



806977



805C72



80767C



804F6D



808381



804368



808F86

803663

809C8B

80295E

80A990

801C59

80B695

800F54

80C39A

80034F

80CF9F

80004E

80DCA4

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



766C80



806977



85686C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



806977



74705B



54757C

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



806977



698072

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



557672



806977



68735F

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



806977



7E6C5C



5D7568



5B7283

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



806977



856966



5D7568



547579



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



806977



A69DA3



726980



544F52



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



806977



A68197



80696C



40393D



80004E



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



806977



A68197



69807D



40393D



80004E



000000



# Previews

## White Background



This preview shows how the Hex color 806977 looks on a white background.

## Color Contrast Check

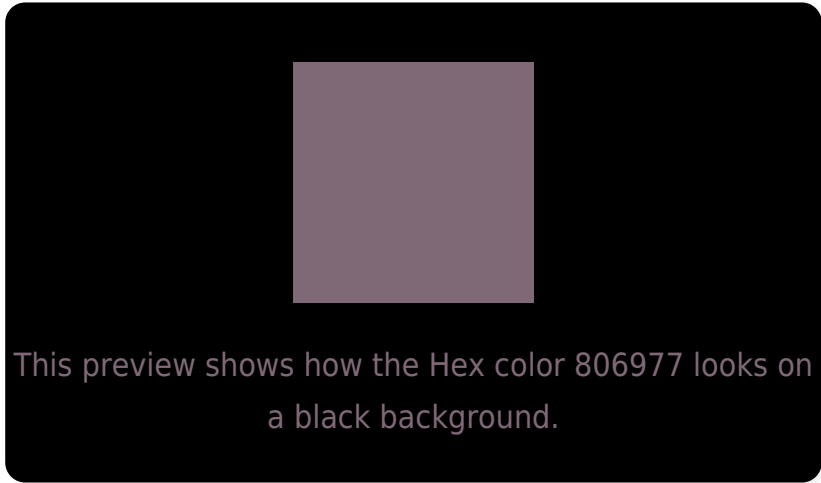
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

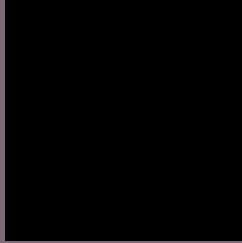
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 806977 Background



This preview shows how black text looks on a background with the Hex color 806977.



This preview shows how white text looks on a background with the Hex color 806977.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
806977

**Protanopia**  
6E6F7B

**Deuteranopia**  
776C76



**Tritanopia**  
7F6A72

# Trichromacy



**Original Color**  
806977

**Protanomaly**  
756D7A

**Deuteranomaly**  
7A6B76

**Tritanomaly**  
7F6A74

# Monochromacy



**Original Color**  
806977

**Achromatopsia**  
717171

**Achromatomaly**  
766E73

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 806977 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #806977 looks like.

```
.text, #text, p{  
    color:#806977  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #806977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #806977  
}
```

## Border

The CSS property to change the border of an element to Hex 806977 is called "border". The border property can be set on classes, ids or directly on the HTML element.

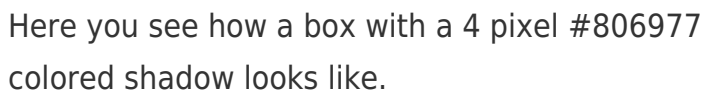
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#806977 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#806977 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #806977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #806977; -webkit-box-shadow:4px 4px  
4px 4px #806977; box-shadow:4px 4px 4px  
4px #806977 }
```

# Background

The CSS property to change the background color of an element to Hex 806977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#806977 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#806977 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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